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DOUBLE TAB ON TOUCHSCREEN TO WAKE SYSTEM WITH LOW POWER SCHEME

HP INC

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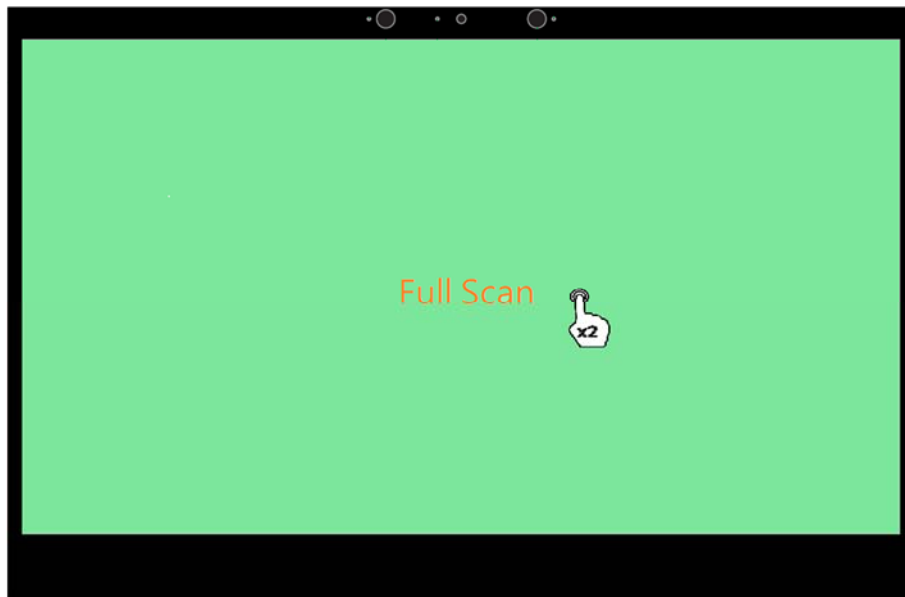
Defensive Publication of Double tab on touchscreen to wake system with low power scheme.

Conventional Scheme

- Double tab on touchscreen to wake system from sleep state as would be the case with the conventional approach.

Example : Most of cell phones support that feature

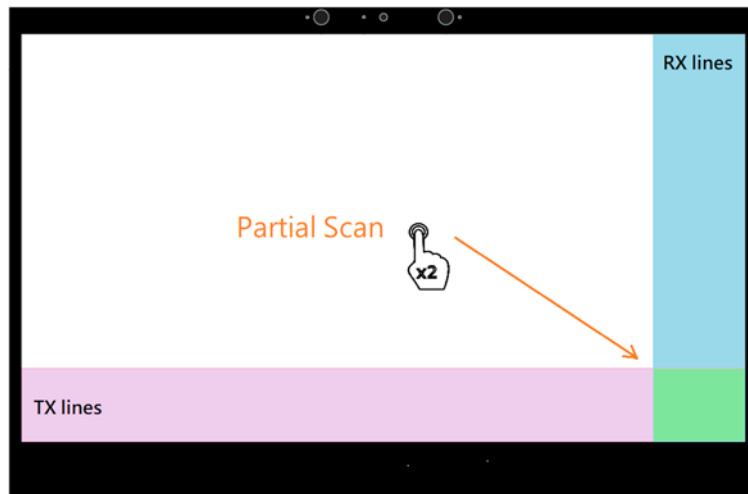
- Wake feature is supported on entire area of touch screen. That could result high power consumption especial in Notebook PC due to It's big in display .i.e. 11"~15" display .



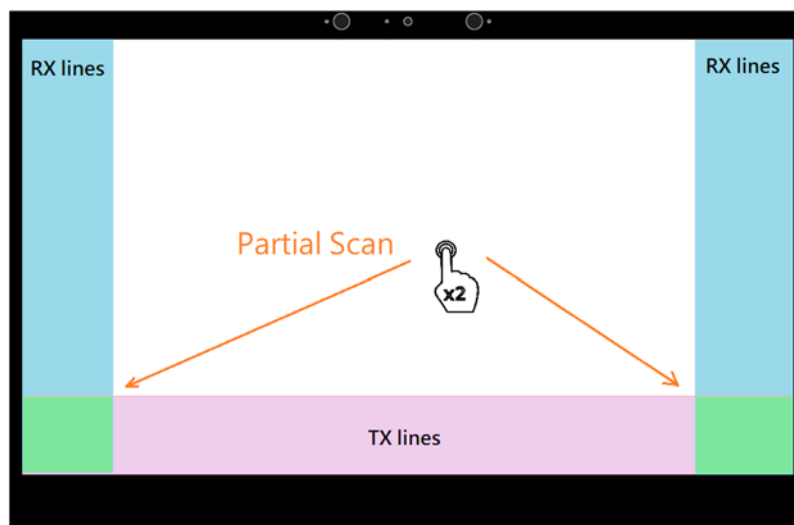
Low Power Scheme

- Double tap on specific area of touch screen to wake system instead of entire area.
- Power consumption can be improved by partial scan instead of full scan.
- Active area can be customized i.e. single, two or more specific area .

Specific area



Or specific two area



Disclosed by Hsin-Hui Huang and Hung-Wu Yu, HP Inc.